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PTO/SB/08A (10-96)
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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 3

Complete if Known

Application Number	10/004,545
Filing Date	December 5, 2001
First Named Inventor	Gregory ALLEN
Group Art Unit	2681
Examiner Name	To be assigned
Attorney Docket Number	24120.02

U.S. PATENT DOCUMENTS

Examiner Initials ¹	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
JP		6,047,270		Joao et al.	4/4/2000	
		6,085,076		Sehr	7/11/2000	
		5,870,723		Pare, Jr. et al.	2/9/1999	
		4,947,028		Gorog	8/7/1990	
		5,748,908		Yu	5/5/1998	
		6,097,292		Kelly et al.	8/1/2000	
		6,070,147		Harms et al.	5/30/2000	
		6,023,688		Ramachandran et al.	2/8/2000	
		6,064,979		Perkowski	5/16/2000	
		5,754,850		Janssen	5/19/1998	
		5,918,213		Bernard et al.	6/29/1999	
		5,590,197		Chen et al.	12/31/1996	
		5,754,938		Herz et al.	5/19/1998	
		6,076,064		Rose, Jr.	6/13/2000	
		5,794,207		Walker et al.	8/11/1998	
JP		5,815,577		Clark	9/29/1998	
		5,748,738		Bisbee et al.	5/5/1998	
		4,965,568		Atalla, et al.	10/23/1990	
		5,930,363		Stanford, et al.	7/27/1999	
		5,890,138		Godin, et al.	3/30/1999	

FOREIGN PATENT DOCUMENTS

Examiner Initials ¹	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T6
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
JP		EP	0 961 248		Diebold, Inc.	12/01/1999		
		WO	87/06747		merican Telephone et al.	11/05/1987		
		JP	09237297		Matsui Takashi	09/09/1997		
		WO	97/30409		Catalina Marketing et al.	8/21/1997		

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 3 of 3

Complete if Known

Application Number	10/004,545
Filing Date	December 5, 2001
First Named Inventor	Gregory ALLEN
Group Art Unit	2681
Examiner Name	To be assigned
Attorney Docket Number	24120.02

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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	
✓		Selected pages of website cooltown.hp.com, accessed and printed August 18, 2000	
		SIMON ROMERO, "Wireless Wanderer: Roaming Manhattan With Gadgets in Hand"; NEW YORK TIMES ON THE WEB, May 24, 2001	
		Digital Angel, selected pages of website www.digitalangel.net, accessed and printed November 6, 2000	
		SmartPoint, selected pages of website www.smartpoint.com, accessed and printed August 23, 2000	
✓		JATHAN SAPSFORD, "Sound Waves Could Help Web-Fraud Woes", WALL STREET JOURNAL, August 14, 2000, pages B1, B4	

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Sheet 1 of 1

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First Named Inventor	Gregory ALLEN
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